***MVTec Software GmbH*** is a leading international manufacturer of software for machine vision. MVTec products are used in a wide range of industries, such as semiconductor and electronics manufacturing, battery production, agriculture and food, as well as logistics. They enable applications like surface inspection, optical quality control, robot guidance, identification, measurement, classification, and more. Software by MVTec facilitates new automation solutions for the Industrial Internet of Things by providing modern technologies like 3D vision, deep learning, and embedded vision. With its headquarters in Munich (Germany), locations in Boston, MA (USA), Lyon (France), Utrecht (Netherlands), Kunshan near Shanghai (China), and Zhubei (Taiwan), as well as an established network of international sales partners, MVTec is represented in more than 35 countries worldwide.

***Products****:* MVTec is the developer and vendor of the standard machine vision software products HALCON and MERLIC as well as the Deep Learning Tool.

MVTec HALCON is optimized for the needs of OEMs and system integrators and allows engineers to set up their own solutions for a specific machine vision task.

MVTec MERLIC is a powerful no-code machine vision software that enables users to quickly build complete solutions intuitively and without programming.

The MVTec Deep Learning Tool is a comprehensive software tool for preparing image data and supporting data-driven workflows for the deployment of deep-learning-based machine vision applications.

***Solutions:*** Furthermore, MVTec builds customized software solutions for machine vision – from consultancy, studies, and prototypes up to integrated products. Software solutions can be based on standard PC or embedded hardware (e.g., Arm®-based systems). Moreover, MVTec’s team has an excellent background in processing images of different kinds, including 3D, infrared, hyperspectral, and X-ray images.

***Mission:*** To offer customers the greatest possible benefit, MVTec’s innovative work is driven by a commitment to be the number one supplier for all kinds of machine vision software technologies. MVTec focusses on in-house research and hence takes a leading role in the challenging process of understanding how machines can learn to see.

***History:*** MVTec was founded in November 1996 as a spin-off of the Technical University of Munich and the Bavarian Research Center for Knowledge-Based Systems (FORWISS) and has been a family business ever since.